

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/726,224

Source: IFW/6

Date Processed by STIC: 3/15/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 03/15/2005

PATENT APPLICATION: US/10/726,224

TIME: 11:09:23

Input Set : A:\51494-20001.10.txt

Output Set: N:\CRF4\03152005\J726224.raw

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4 <110> APPLICANT: Saunders, Alex M.
6 <120> TITLE OF INVENTION: LIGAND BASED SOLUTION ASSAY FOR LOW
7   CONCENTRATION ANALYTES
9 <130> FILE REFERENCE: 514942000110
11 <140> CURRENT APPLICATION NUMBER: US 10/726,224
12 <141> CURRENT FILING DATE: 2003-12-01
14 <150> PRIOR APPLICATION NUMBER: US 09/976,235
15 <151> PRIOR FILING DATE: 2001-10-12
17 <150> PRIOR APPLICATION NUMBER: US 60/240,442
18 <151> PRIOR FILING DATE: 2000-10-14
20 <150> PRIOR APPLICATION NUMBER: US 60/244,065
21 <151> PRIOR FILING DATE: 2000-10-28
23 <160> NUMBER OF SEQ ID NOS: 7
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 4
29 <212> TYPE: PRT
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: Synthetic Construct
W--> 35 <221> NAME/KEY: VARIANT
36 <222> LOCATION: 1
37 <223> OTHER INFORMATION: Xaa = Acetylated Tyrosine
W--> 39 <400> 1
W--> 40 Xaa Val Ala Asp
41 1
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 4
46 <212> TYPE: PRT
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Synthetic Construct
W--> 52 <221> NAME/KEY: VARIANT
53 <222> LOCATION: 1
54 <223> OTHER INFORMATION: Xaa = Acetylated Aspartic acid
W--> 56 <400> 2
W--> 57 Xaa Glu Val Asp
58 1
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 4
63 <212> TYPE: PRT
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:

```

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```

67 <223> OTHER INFORMATION: Synthetic Construct
W--> 69 <221> NAME/KEY: VARIANT
70 <222> LOCATION: 1
71 <223> OTHER INFORMATION: Xaa = Acetylated Leucine
W--> 73 <400> 3
W--> 74 Xaa Glu Val Asp
75 1
78 <210> SEQ ID NO: 4
79 <211> LENGTH: 4
80 <212> TYPE: PRT
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Synthetic Construct
W--> 86 <221> NAME/KEY: VARIANT
87 <222> LOCATION: 1
88 <223> OTHER INFORMATION: Xaa = Acetylated Tryptophan
W--> 90 <400> 4
W--> 91 Xaa Glu His Asp
92 1
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 4
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Synthetic Construct
W--> 103 <221> NAME/KEY: VARIANT
104 <222> LOCATION: 1
105 <223> OTHER INFORMATION: Xaa = Acetylated Valine
W--> 107 <400> 5
W--> 108 Xaa Glu Ile Asp
109 1
112 <210> SEQ ID NO: 6
113 <211> LENGTH: 4
114 <212> TYPE: PRT
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Synthetic Construct
W--> 120 <221> NAME/KEY: VARIANT
121 <222> LOCATION: 1
122 <223> OTHER INFORMATION: Xaa = Acetylated Leucine
W--> 124 <400> 6
W--> 125 Xaa Glu His Asp
126 1
129 <210> SEQ ID NO: 7
130 <211> LENGTH: 8
131 <212> TYPE: PRT
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Synthetic Construct

```

RAW SEQUENCE LISTING

DATE: 03/15/2005

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W--> 137 <221> NAME/KEY: VARIANT

138 <222> LOCATION: 1

139 <223> OTHER INFORMATION: Xaa = Hydroxylated D-Argine

W--> 141 <400> 7

W--> 142 Xaa Gln Gly Ala Ile Gly Gln Pro

143 1

5

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/726,224

DATE: 03/15/2005
TIME: 11:09:24

Input Set : A:\51494-20001.10.txt
Output Set: N:\CRF4\03152005\J726224.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1 ✓
Seq#:2; Xaa Pos. 1 ✓
Seq#:3; Xaa Pos. 1 ✓
Seq#:4; Xaa Pos. 1 ✓
Seq#:5; Xaa Pos. 1 ✓
Seq#:6; Xaa Pos. 1 ✓
Seq#:7; Xaa Pos. 1 ✓

VERIFICATION SUMMARY

DATE: 03/15/2005

PATENT APPLICATION: US/10/726,224

TIME: 11:09:24

Input Set : A:\51494-20001.10.txt

Output Set: N:\CRF4\03152005\J726224.raw

L:35 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:39 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:52 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:56 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:69 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:73 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:86 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:90 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:103 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:107 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:120 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:124 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:137 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:141 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0